ARLON

PRODUCT INFORMATION BULLETIN

wensco
800.253.1569 | wensco.com

DPF 510G/M

Digital Print Pressure-Sensitive Vinyl Film

DPF 510G/M is a 3.2-mil (80 micron) calendered film with a clear, solvent-based pressure-sensitive adhesive. The two-sided polycoated liner provides excellent lay-flat properties. The high-quality adhesive provides far superior adhesion and cohesion properties than water-based adhesive. DPF 510 is available in a white gloss finish (DPF 510G) and white matte finish (DPF 510M). DPF 510 is rated for outdoor durability up to 3 years (unprinted). Printed durability is dependent on the ink system used.

APPLICATIONS & FEATURES

- Short-term promotional and display graphics, including kiosks, POP displays and real estate signage.
- Excellent printability on Eco-Solvent, Solvent, UV and Latex print systems.
- Ideal for interior and exterior applications on flat surfaces.

Certified for **HP Latex Inks**

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	70 to 90 Gloss Units (Gloss) Up to 30 Gloss Units (Matte)	
THICKNESS	Micrometer, Federal Bench Type	3.2-mil (80 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥ 15.0 lb/in	≥ 2.7 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 200%	
SHELF LIFE (IN BOX)	Ideal Storage Temperature 70°F (21°C) and 50% relative humidity	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	50°F to 90°F	10°C to 32°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-20°F to 150°F	-29°C to 65°C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	10-mil	0.25 mm
PEEL ADHESION	PSTC-1, 15 min, 70°F (21°C)	≥ 2.00 lb/in	≥ 0.36 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	40 g/2 in	7.9 g/cm

Standard Terms & Conditions Apply

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TERMS & CONDITIONS

The warranties offered in Arlon's Standard Terms and Conditions, which are incorporated in full by this reference and are available at https://www.arlon.com/na_en/legal/terms-and-conditions, are made in lieu of all other express or implied warranties.

June 2025

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